

CLG-NB
--COMPRESSION LOAD CELL--

The CLG-NB Load CELL is a high-precision load cell in a thin, hermetically sealed package. It is widely used in tight spaces and as a system sensor for industrial machinery.

-- Feature --

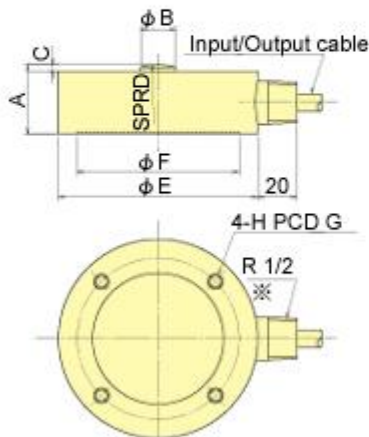
- High precision and high stability with hermetical construction
- Low profile and ease to handle
- Optimum as system sensor for industrial machines



-- Specifications --

Type (CLG-)	10KNB	20KNB	50KNB	100KNB	200KNB
Capacity	10kN	20kN	50kN	100kN	200kN
Rated Output*	2mV/V±0.5%				
Non-linearity	0.2%RO				
Hysteresis	0.2%RO				
Temperature Effect on Zero	0.01%RO/°C(-10 to +60°C)				
Temperature Effect on Span	0.005%/°C(-10 to +60°C)				
Temperature Range Allowable	-30 to +80°C				
Over Load	150%				
Resistance	350 ohm ±1%				
Exciting Voltage Recommended	Less than 6V				
Exciting Voltage Allowable	15V				
Initial Unbalance	5%RO				
Electrical Connection	∅6mm 0.35mm ² 4-core Shielded Chloroprene Cable 5m		∅9mm 0.5mm ² 4-core Shielded Chloroprene Cable 5m		

*Rated Output: 1mV/V=2000×10⁻⁶strain



※ CLG-50 ~ 200KNB only available

Type	A	B	C	D	E	F	G	H	Weight
CLG-10KNB	25	12	3	60	84	59	70	M5DP 8	0.9kg
CLG-20KNB	25	12	3	60	84	59	70	M5DP 8	0.9kg
CLG-50KNB	35	18	3	60	102	67	82	M8DP 10	1.8kg
CLG-100KNB	40	22	5	80	117	71	90	M8DP 10	2.6kg
CLG-200KNB	50	28	7	100	127	77	100	M8DP 10	3.8kg

Unit:mm

-- Fitting accessory --

Type	Spherical Cap FA	Mounting Flange FB	Side Supporto FC
CLG-10/20KNB	FA-60	FB-2-70	FC-5-60
CLG-50KNB	FA-60	FB-5-82	FC-5-60
CLG-100KNB	FA-80	FB-10-90	FC-20-80
CLG-200KNB	FA-100	FB-20-100	FC-20-100